

FIG. 1

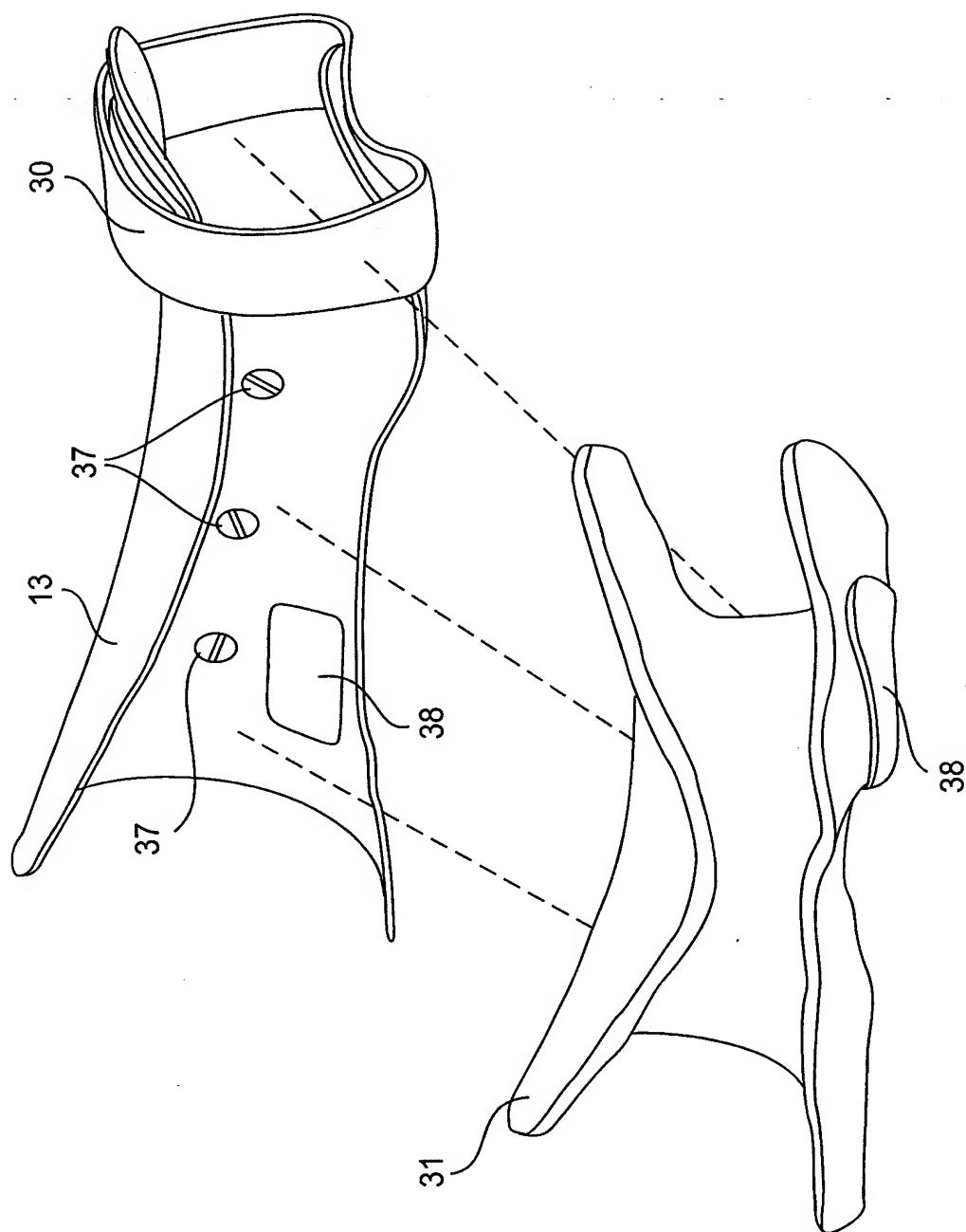


FIG. 3



FIG. 4

FIG. 5 is a perspective view of the device of FIG. 1, showing the device in a closed position, with the hand and forearm secured by the straps and buckles.

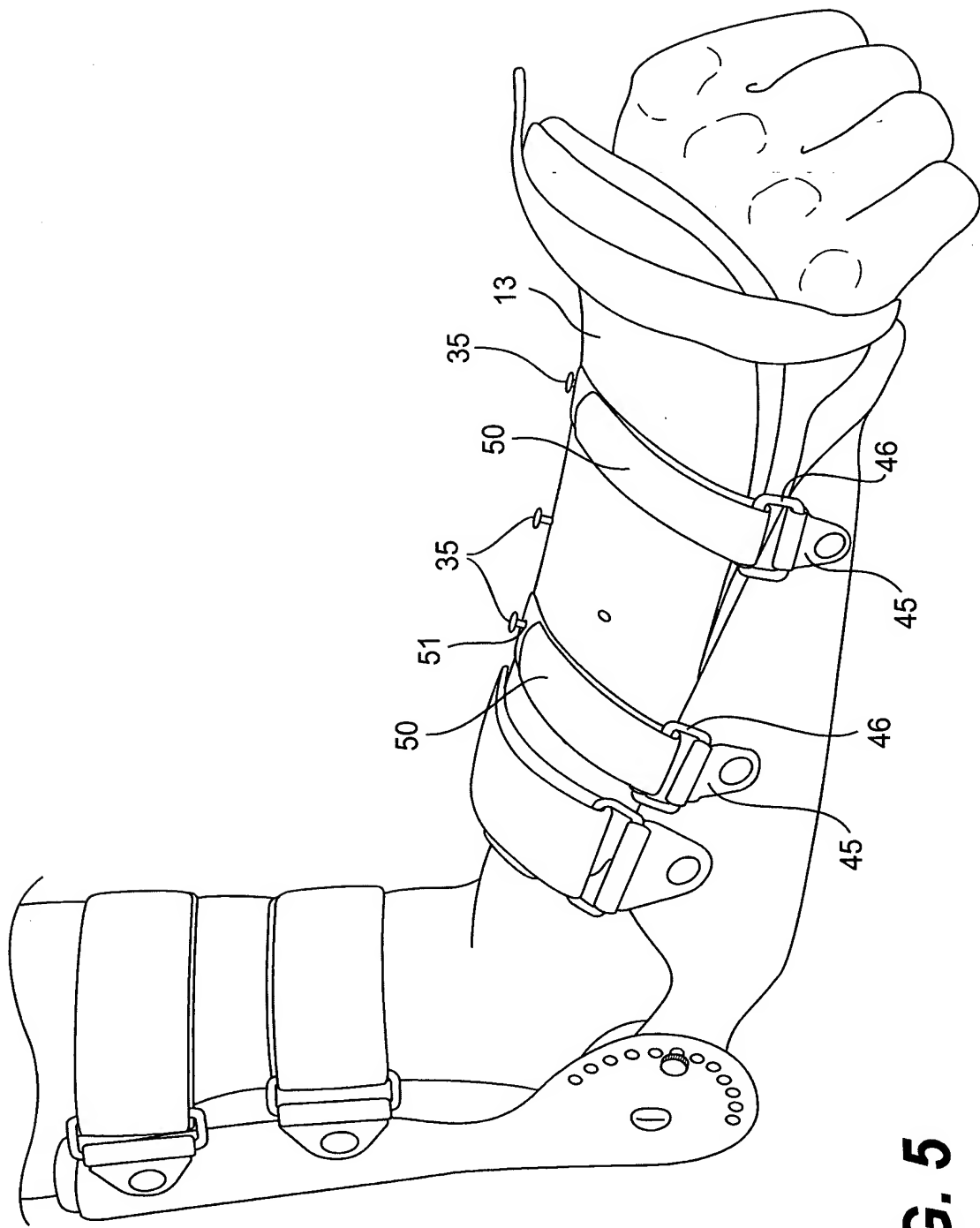


FIG. 5

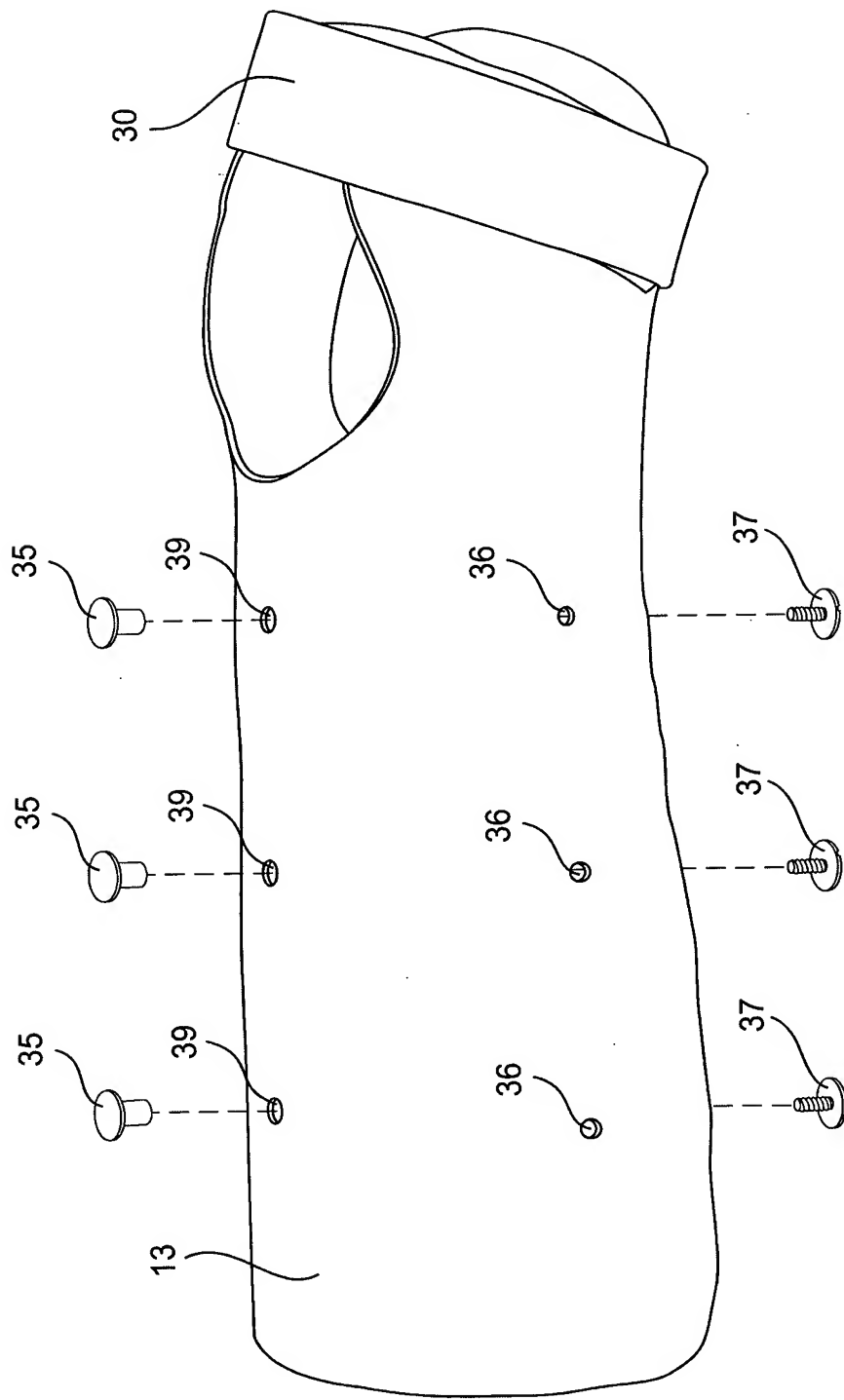


FIG. 6

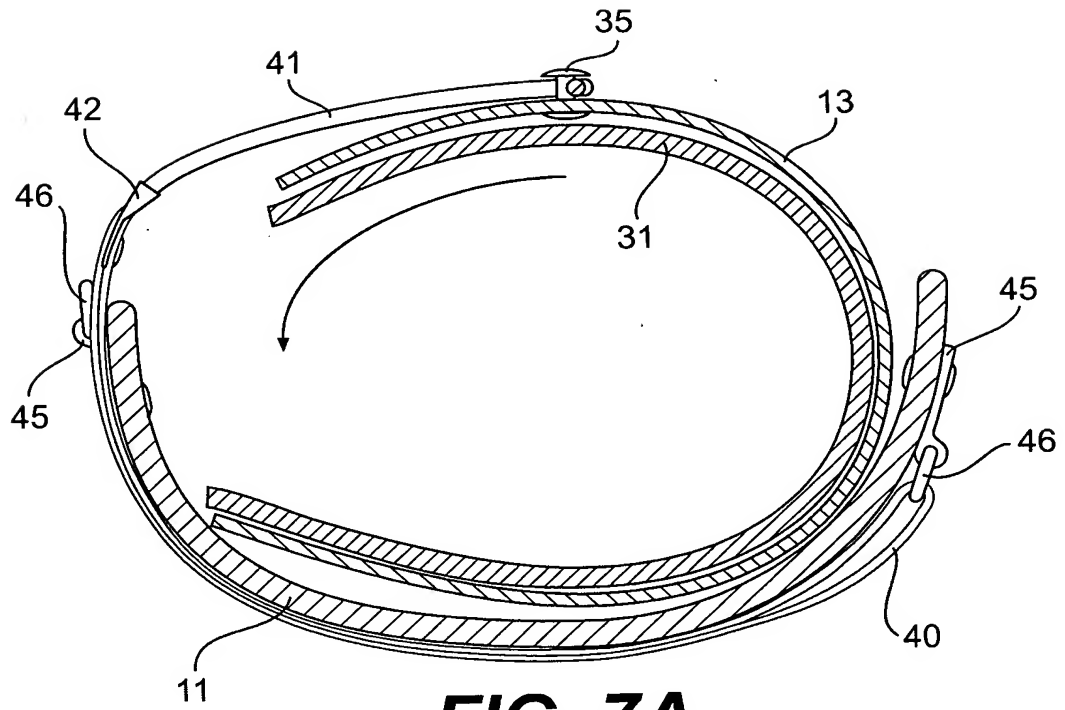


FIG. 7A

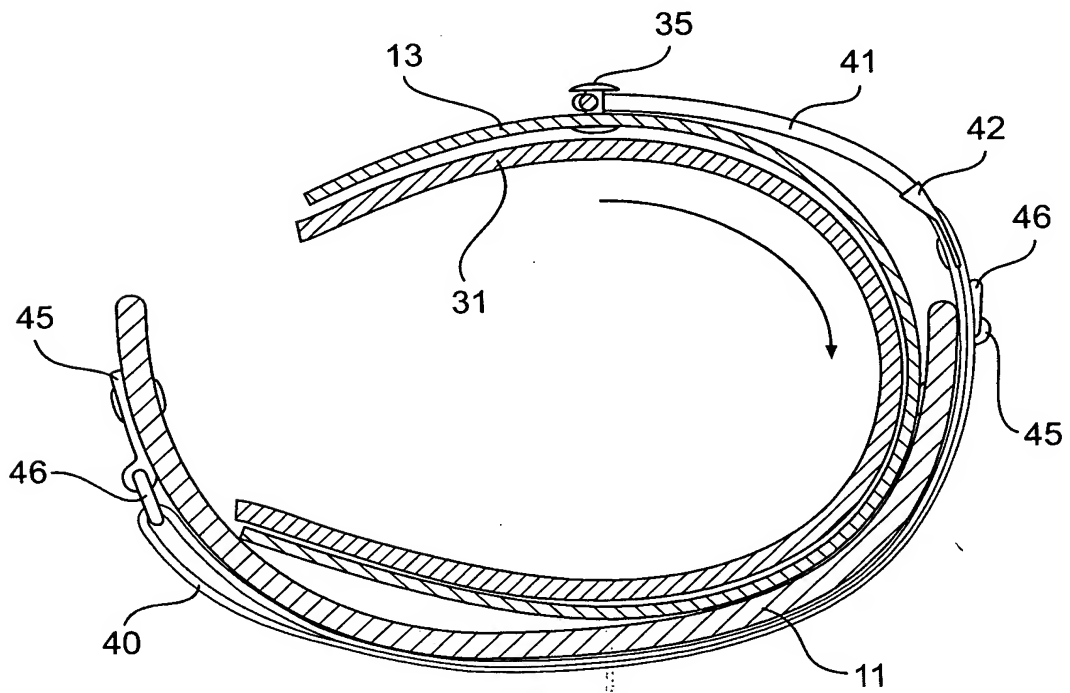


FIG. 7B

Abstract

An orthotic device promotes both supination and pronation of a patient's wrist. A forearm enclosure is adapted to substantially wrap around a forearm. A forearm support member is adapted to slidably receive the forearm enclosure wherein the support member wraps partially around the forearm enclosure. A post is mountable on the forearm enclosure. An anchor is mounted on the support member. A tensioning member is connected to the anchor and on the other end to the post, wherein a rotational force of supination or pronation will be created on the forearm enclosure depending on the direction which the tensioning members extend from the anchor to the post.